GOVERNMENT OF INDIA
PETROLEUM AND NATURAL GAS
LOK SABHA

UNSTARRED QUESTION NO:1653
ANSWERED ON:02.08.2001
OIL RESERVES WITH ONGC
AMBATI BRAHMANAIAH

Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

(a) whether ONGC propose to double its reserve base and to raise the global recovery factor beyond 40 per cent by 2020;

(b)if so, whether ONGC propose to have 12 billion tonnes equivalent oil under its control;

(c) if so, the manner in which ONGC propose to have such a reserve of oil;

(d) the present oil reserve of ONGC; and

(e) the steps taken to achieve target of 12 billion tonnes equivalent of reserves?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRI SANTOSH KUMAR GANGWAR)

(a) to (e): A Statement is laid on the table of the House.

Statement referred to in reply to parts (a) to (e) of Lok Sabha Unstarred Q.No.1653 for answer on 2.8.2001

(a) & (b): The Short & Medium-Long term Exploration and Production strategy of Oil & Natural Gas Corporation Ltd. (ONGC) being formulated envisages establishing in a high case scenario, 6-7 billion tonnes of oil & oil equivalent gas (O+OEG) over and above 6.029 billion tonnes of O+OEG of its initial hydrocarbon inplace. ONGC will also attempt to enhance the overall oil recovery factor to 40% in the next twenty years.

(c) The exploration strategy of ONGC being formulated has been phased into Short term covering the 10th V-year Plan and Medium-Long term, covering 2007 to 2020, with the corresponding exploration programme and the expectations of inplace hydrocarbon establishment which is to be monitored periodically for required course corrections.

In order to have such a level of inplace hydrocarbon base, it is planned to step up the deep water exploration and spread ONGC`s activities into non-producing, poorly explored and `yet to be explored` basins, besides continuing intensive exploration in the producing basins.

(d) The position of Initial hydrocarbon inplace of ONGC operated areas and fields under Joint Ventures (JV) as on 1.4.2001 is 6.029 billion tonnes of O+OEG.

(e) The strategy being formulated encompasses the following exploration objectives and programmes to realise them during Short and Medium-Long term periods for achieving the envisaged quantum of initial hydrocarbons inplace.

Short term strategy (2002-07):

(i) Prospectivity analysis of each acreage with integration of available Geological & Geophysical (G&G) data for sector prioritisation and exploration programme formulation.

(ii) Time scheduled G&G activities for prospect recognition and drilling.

(iii) Prioritisation of exploration activities and implementation as fast track projects for enhancing Reserve accretion.

(iv) Pre-drill 3D data seismics acquisition in deep water.

(v) Blanket 3D in key growth areas viz. Upper Assam and North Cambay etc. for exploring deeper objectives and new hydrocarbon plays.

(vi) Knowledge building in less explored sectors of producing as well as frontier basins.

Medium-Long term strategy (2007-20):

(i) Intensive exploration in the producing basins to upgrade yet to find(YTF) hydrocarbon resources to inplace volume.

(ii) Exploration spread in non producing, poorly explored & `yet to be explored` basins to establish potential and knowledge building.

(iii) Major shift to deep offshore, the unexplored frontier, as major thrust and contributing sector for future.

The exploration programme to realise the objective has been formulated. The strategy will be monitored for suitable course correction based on the results, acreage availability and fiscal regime applicable.